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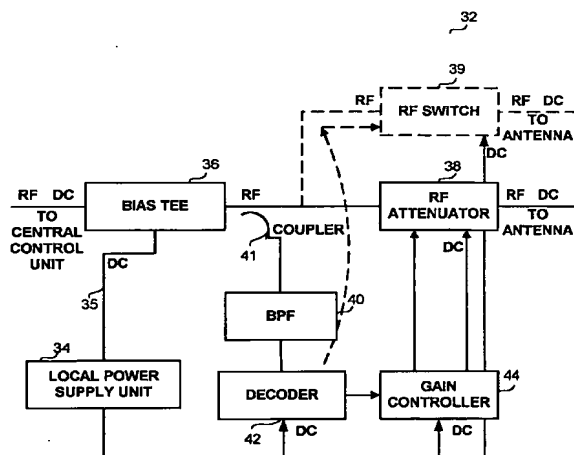
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ning of each regular issue of the PCT Gazette.

(54) Title: **SYSTEM AND METHOD FOR THE REDUCTION OF INTERFERENCE IN AN INDOOR COMMUNICATIONS
WIRELESS DISTRIBUTION SYSTEM**



(57) Abstract: An apparatus and its corresponding method for detecting and reducing interference elements within an indoor communication wireless system by dynamically locating the source of the interference, and by preventing the distribution of the interference via controlled attenuation of the interfering signal. The apparatus and method dynamically controls (44) the potential interference sources by optionally switching off (39) or attenuating (38) the antennas generating the signal carrying interference elements. Further, the proposed apparatus and method is operative in the reconnection of switch off (39) antennas and/or the controlled (44) restoration of the signal strengths where the interference diminishes.

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